

**IN THE CLAIMS**

Please rewrite the claims as shown below.

Please amend claims 1, 6 and 15.

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1. {Presently Amended} A process for sealing and insulating a fuel cell plate, the process comprising:
- providing a gas impermeable fuel cell plate having first and second surfaces;
  - applying a coating precursor on at least the first surface of the fuel cell plate, the coating precursor adapted to polymerize or to cross-link in response to infrared radiation or heat; and
  - exposing the coating precursor on the fuel cell plate to infrared radiation or to heat to initiate polymerization or cross-linking.
2. {Original} The process of claim 1, wherein the coating precursor is applied by screen printing.
3. {Original} The process of claim 1, wherein the coating precursor is exposed to infrared radiation.
4. {Original} The process of claim 1, wherein the coating precursor is exposed to infrared radiation or to heat for about less than about forty five minutes.
5. {Original} The process of claim 1, wherein the coating precursor is exposed to infrared radiation or to heat for about less than about thirty minutes.
6. {Presently Amended} A process for sealing and insulating a fuel cell plate, the process comprising:
- providing a gas impermeable fuel cell plate having first and second surfaces;
  - applying a coating precursor on at least the first surface of the fuel cell plate, the coating precursor adapted to polymerize or to cross-link in response to infrared radiation; and
  - exposing the coating precursor on the fuel cell plate to infrared radiation or to heat to

initiate polymerization or cross-linking, wherein the coating precursor includes an epoxy resin and an acrylonitrile butadiene copolymer.

7. {Original} The process of claim 6, wherein the coating precursor includes a cross-linking agent.

8. {Original} The process of claim 7, wherein the cross-linking agent is a polyamine.

9. {Original} The process of claim 6, wherein the coating precursor includes a thermoplastic.

10. {Original} The process of claim 9, wherein the thermoplastic is polyvinylchloride resin.

11. {Original} The process of claim 6, wherein the coating precursor includes a solvent.

12. {Original} The process of claim 6, wherein the coating precursor includes a colorant.

13. {Original} The process of claim 6, wherein the coating precursor includes an air-release agent.

14. {Original} The process of claim 6, wherein the coating precursor includes slip agent.

15. {Presently Amended} An insulated fuel cell plate comprising:  
a gas impermeable plate having first and second surfaces; and  
a solid coating adhering to at least one of the first and second surfaces of the plate, the solid coating comprising an epoxy nitrile resin.

16. {Original} The insulated fuel cell plate of claim 15, wherein the solid coating is less than about 250  $\mu$  thick.

17. {Original} The insulated fuel cell plate of claim 15, wherein the solid coating is less than about 150  $\mu$  thick.
18. {Original} An insulated fuel cell plate comprising:  
a plate having first and second surfaces; and  
a coating precursor applied on at least one of the first and second surfaces of the plate,  
the coating precursor comprising:  
an epoxy resin;  
an acrylonitrile butadiene copolymer;  
a thermoplastic film-former;  
a polyamine cross-linking agent; and  
a solvent.
19. {Original} The insulated fuel cell plate of claim 18, wherein the thermoplastic film-former is a polyvinylchloride resin.
20. {Original} The insulated fuel cell plate of claim 18, wherein the coating precursor includes a colorant.
21. {Original} The insulated fuel cell plate of claim 18, wherein the coating precursor includes an air-release agent.
22. {Original} The insulated fuel cell plate of claim 21, wherein the air-release agent is a polydimethylsiloxane.
23. {Original} The insulated fuel cell plate of claim 18, wherein the coating precursor includes a slip-aid.
24. {Original} The insulated fuel cell plate of claim 23, wherein the slip-aid is a polytetrafluoroethylene powder.
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